1089.44602X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): A. YOSHIAKI

Serial No.: (not yet assigned)

Filed: January 25, 2005

For: Rotation System with Three Degrees of Freedom and Application of

the Same

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 & 1.98

January 25, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In the matter of the above-identified application, applicant(s) are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.

To the extent that the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English abstract and/or the discussion of these documents in the specification.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (1089.44602X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

Melvin Kraus

Registration No. 22,466

ANTONELLI, TERRY, STOUT & KRAUS, LLP

MK/anp Attachments (703) 312-6600

PTO/SB/08A (08-03)
Approved or use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number		
			URE	Filing Date	January 25, 2005	
			ANT	First Named Inventor	Yoshiaki AJIOKA	
				Art Unit		
			4	Examiner Name		
Sheet	1	of	2	Attorney Docket Number	1089.44602X00	

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US- 5,319,577	06/07/1994	Lee		

FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code 3-Number 4-Kind Code 5(if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
		09-166135	06/24/1997	JAPAN		
		61-228158	10/11/1986	JAPAN		
		2001-82913	03/30/2001	JAPAN		
		62-228392	10/07/1987	JAPAN		

Examiner	Date	
Signature	Considered	

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DITS RESERVATION 25 JAN 2005.

PTO/SB/08B (04-03) for use through 10/31/2002. OMB 0651-0031 k Office; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trade

Substitute for form 1449/PTO			Complete if Known		
			Application Number	1015723	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	January 25, 2005	
			First Named Inventor	Yoshiaki AJIOKA	
(use as many sheets as necessary)		Group Art Unit			
		Examiner Name			
Sheet	of		Attorney Docket Number	1089.44602X00	

	T	NON PATENT LITERATURE DOCUMENTS	Т.
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Dynamic Modeling and Control of a Ball-joint-Like Variable-Reluctance Spherical Motor Journal of Dynamic Systems, Measurements, and Control March 1996, Vol. 118 pages 29-40	
		Basic Consideration of Actuators with Multi Degrees of Freedom Having an Identical Center of Rotation Tomoaki YANO Makoto KANEKO Vol. 11 No. 6, pp 875-882, 1993	
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Examiner	Date	
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